



PATENT APPLICATION  
ELG054-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ) Group Art Unit: 2365  
)  
HURST, G. SAMUEL, RITCHIE, R.S., )  
WARMACK, ROBERT J., BOULDIN, )  
DONALD W., KENT, JOEL C. ) Examiner: Unknown  
)  
Application No.: 10/619,915 ) TYCO ELECTRONICS CORPORATION  
) 307 Constitution Drive  
Filed: July 15, 2003 ) Menlo Park, CA 94025  
)  
For: TOUCH SENSOR WITH )  
NON-UNIFORM RESISTIVE )  
BAND ) Date: May 25, 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT UNDER 37 CFR § 1.56

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In fulfilling the duty of candor and good faith, the following documents are hereby disclosed to the Patent Office in accordance with 37 CFR § 1.56. It is not admitted that the information in the listed documents is material to patentability as defined in 37 CFR § 1.56(b). The Examiner is requested to consider the documents in the examination of this application.

Accompanying this statement is a Form PTO-1449 in duplicate on which the documents are listed. The Examiner is requested to return an initialed and signed copy of the form once the documents have been considered.

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Name of person signing certificate: Cecilia A. Walsh

Signature: Cecilia A. Walsh Date: May 25, 2004

Copies of Documents

In accordance with the Notice dated July 11, 2003, waiving the requirement under 37 CFR § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each cited U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, no copies of the documents (which all fit into those categories) are being submitted. Copies will be sent on request.

Fee

Applicant believes that because this Disclosure Statement is being submitted before the mailing of a first action on the merit, no fee is due. If this is incorrect, please charge any necessary fee to Deposit Account No. 18-0560.

Conclusion

If there are any questions, the Examiner is asked to call the undersigned.

Respectfully submitted,



Cecilia A. Walsh  
Registration No. 45,659  
Telephone (650) 361-2989



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/619,915
Filing Date	July 15, 2003
First Named Inventor	Hurst, G. Samuel
Art Unit	2365
Examiner Name	not yet known
Attorney Docket Number	ELG054-US1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,220,815	09-02-1980	Gibson, et al.	
		US- 4,661,655	04-27-1987	Gibson, et al.	
		US- 4,731,508	03-15-1988	Gibson, et al.	
		US- 4,822,957	04-18-1989	Talmage Jr., et al.	
		US- 5,045,644	09-03-1991	Dunthorn	
		US- 5,220,136	06-15-1993	Kent	
		US- 20020039094 A1	04-04-2002	Yamada et al.	
		US- 6,593,916 B1	07-15-2003	Aroyan	
		US- 6,650,319 B1	11-18-2003	Hurst, et al.	
		US- 20040061687 A1	04-01-2004	Kent	
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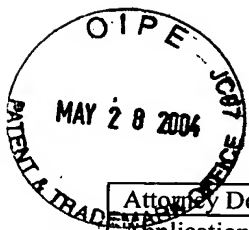
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



IFW

## FEE TRANSMITTAL

Attorney Docket No.:	ELG054-US1	First Named Inventor:	Hurst et al.
Application No.:	10/619,915	Filing Date:	July 15, 2003
Examiner:	Unknown	Group Art Unit:	2365

### Description of Action

This Fee Transmittal sheet is being submitted in connection with the accompanying **Information Disclosure Statement**

### Authorization to Charge Deposit Account

The Commissioner for Patents is hereby authorized to charge the indicated fees against, and credit any overpayments to, the following deposit account. The Commissioner is further authorized to charge any additional fees required under 37 CFR §§ 1.16 and 1.17 against the same deposit account.

Deposit Account No: **18-0560**

Deposit Account Name: **Tyco Electronics Corporation**

- ☒ No fee(s) are entered below because it is believed that none are required in connection with this action. However, in the event fee(s) are required, the Commissioner is authorized to charge any fee(s) under 37 CFR §§ 1.16 and 1.17 against the above deposit account. (Check this box only if no fee(s) are entered below.)

### Fee Calculations

#### (1) Filing fee (large entity) (if applicable)

Description	Fee Paid (\$)
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#### (2) Extra claim fees (large entity) (if applicable)

Claims in specification as filed

	No. in Specification or after Amendment	No. Included in Filing Fee or Previously Paid For	No. Extra (b)	Applicable Fee	Fee Paid
Total Claims		- 20 =		x 18 (ea.)	
Independent Claims		- 3 =		x 86 (ea.)	
Multiple dependent claim(s) presented for first time (c)			No	290	
Subtotal (2) Extra claim fees					(\$)

#### (3) Additional or other fees (large entity) (if applicable)

Description	Fee Paid
Subtotal (3) Additional or other fees	(\$)

#### Total Fees

Total Fees Submitted (Sum of Subtotals (1), (2), and (3))	(\$)
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This sheet is transmitted in duplicate.

#### CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this paper or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

Date of deposit: May 25, 2004

Name (printed): Cecilia A. Walsh

Signature: Cecilia A. Walsh

Respectfully Submitted,

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